Fig. 1

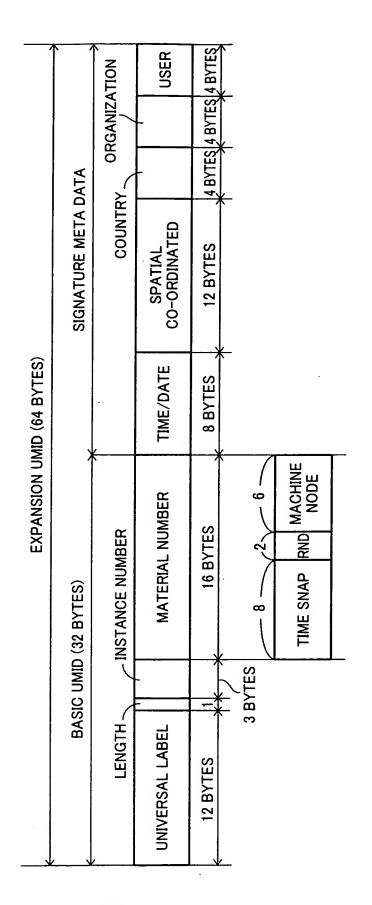


Fig. 2

_RecStart	START POSITION OF RECORDING
_RecEnd	END POSITION OF RECORDING
_ShotMark1	ARBITRARY POSITION 1
_ShotMark2	ARBITRARY POSITION 2
_Cut	CUTTING POSITION
_Flash	FLASH DETECTING POSITION
_FilterChange	POSITION WHERE LENS FILTER IS CHANGED
_ShutterSpeedChange	POSITION WHERE SHUTTER SPEED IS CHANGED
_GainChange	POSITION WHERE GAIN IS CHANGED
_WhiteBalanceChange	POSITION WHERE WHITE BALANCE IS CHANGED
_OverBrightness	POSITION WHERE VIDEO OUTPUT LEVEL EXCEEDS 100%
_OverAudioLimiter	POSITION WHERE AUDIO OUTPUT LEVEL EXCEEDS LIMIT VALUE
_In-XXX	CUTTING START POSITION OF MATERIAL
_Out-XXX	CUTTING END POSITION OF MATERIAL

Fig. 3

KEY	L	VALUE
(16 BYTES)	(1 BYTE)	(MAX. 32 BYTES)
(16 BYTES)	(1 BYTE)	(MAX. 32 BYTES)

Fig. 4

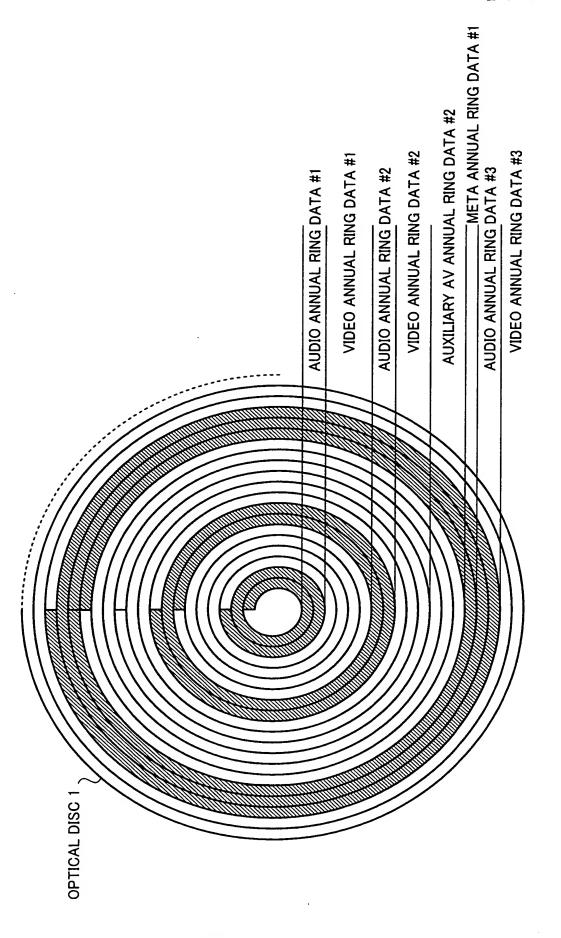
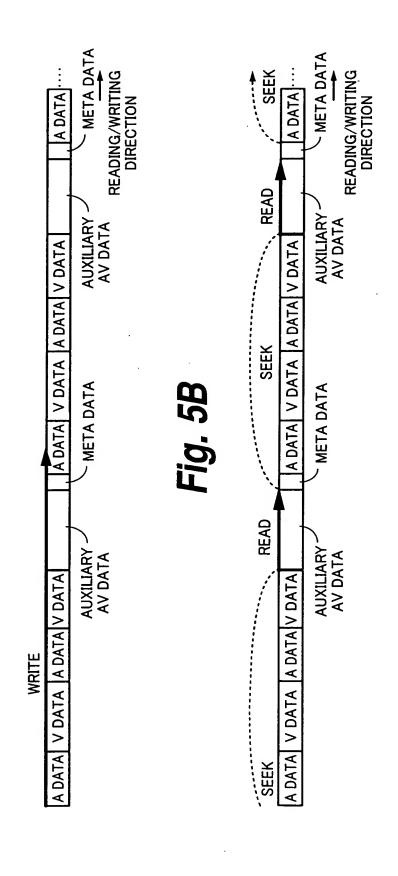


Fig. 5A



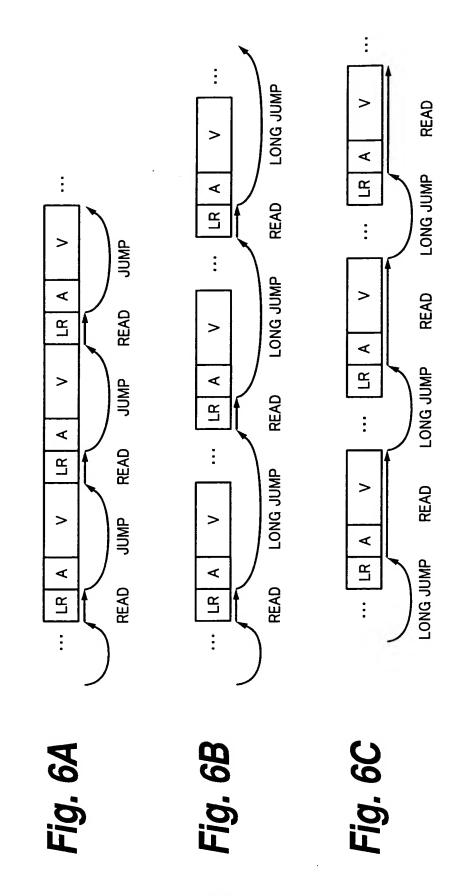


Fig. 7A USED	Fig. 7B USED	Fig. 7C USED	Fig. 7D USED
INITIAL STATE USED EMPTY AREA	USED EMPTY AREA	USED EMPTY AREA	USED EMPTY AREA
USED	USED	USED	USED
ALLOCATION	//////////////////////////////////////	LR A W	LR A W LR A
ALLOCATION UNIT LENGTH EMPTY AREA	Eb//////	, RESERVED	V EMPTY
T USED	USED	USED	USED

Fig. 8

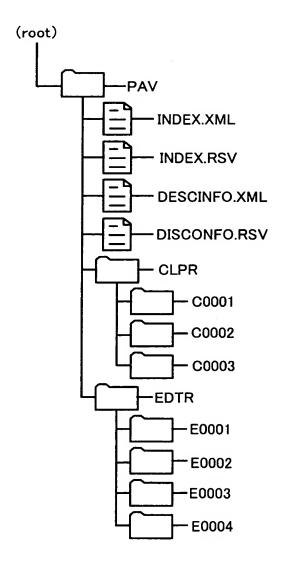


Fig. 9

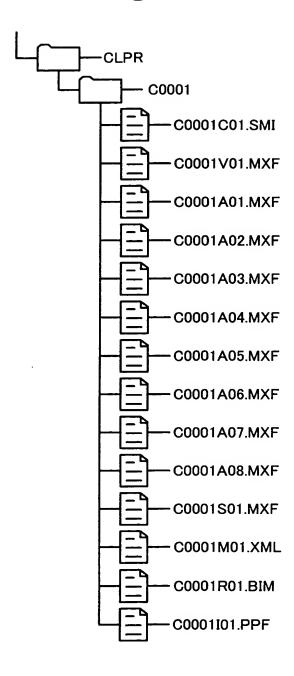


Fig. 10

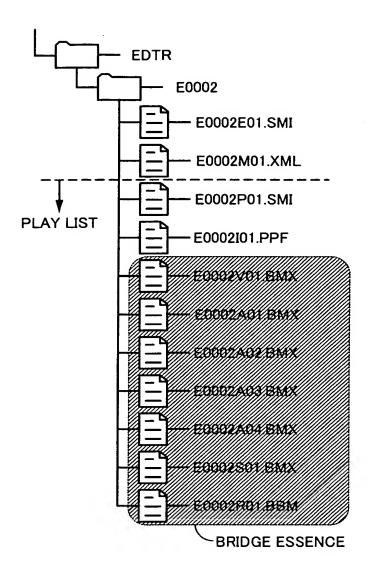


Fig. 11 A

Fig. 11 Fig. 11A Fig. 11B Fig. 11C Fig. 11D

```
<!-- Definition of VideoFormatType -->
<complexType name="VideoFormatType">
     <sequence>
          <element name="VideoRecPort" minOccurs="0">
                <complexType>
                      <attribute name="port" type="lib:videoPortType" use="required"/>
                </complexType>
          </element>
          <element name="VideoFrame">
                <complexType>
                      <attribute name="videoCodec" type="lib:videoCodecType"</pre>
                       use="required"/>
                      <attribute name="captureFps" use="optional">
                          <simpleType>
                               <restriction base="string">
                                      <pattern value="((\frac{4d(3)}\frac{4d(2)}{4d(1)}(\frac{4d(2)}{2})?)?(p|i)"/>
                               </restriction>
                          </simpleType>
                      </attribute>
                      <attribute name="recFps" use="optional">
                          <simpleType>
                               <restriction base="string">
                                    <pattern value="(\(\frac{4d{3}}{\text{4d{2}}}\)\(\frac{4d{2}}{\text{2}}\)?"/>
                               </restriction>
                          </simpleType>
                     </attribute>
                      <attribute name="formatFps" use="required" type="lib:fpsType"/>
                      <attribute name="clipBegin" use="optional" default="0"
                       type="lib:frameCountType"/>
               </complexType>
          </element>
```

Fig. 11 B

```
<element name="VideoLayout" minOccurs="0">
              <complexType>
                   <sequence>
                      <element name="PullDownSetting" minOccurs="0">
                           <complexType>
                                <attribute name="pullDownKind" use="required">
                                   <simpleType>
                                      <restriction base="string">
                                          <enumeration value="1-1"/>
                                          <enumeration value="2-2"/>
                                          <enumeration value="2-3"/>
                                          <enumeration value="2-3-3-2"/>
                                          <enumeration value="24-25"/>
                                          <enumeration value="other"/>
                                       </restriction>
                                   </simpleType>
                                </attribute>
                                <attribute name="aFramePhase" use="required">
                                     <simpleType>
                                       <restriction base="string">
                                                 <pattern value="\delta d[2](\delta -(0|1))?"/>
                                           </restriction>
                                      </simpleType>
                                </attribute>
                          </complexType>
                   </element>
            </sequence>
            <attribute name="pixel" type="unsignedShort" use="required"/>
            <attribute name="numOfVerticalLine" type="unsignedShort"</pre>
            use="required"/>
<attribute name="aspectRatio" type="lib:aspectRatioType"
             use="optional"/>
        </complexType>
     </element>
  </sequence>
</complexType>
```

Fig. 11 C

```
<!-- Definition of AudioFormatType -->
<complexType name="AudioFormatType">
    <sequence>
         <element name="AudioRecPort" minOccurs="1" maxOccurs="8">
               <complexType>
                    <attribute name="port" type="lib:audioPortType"
                     use="required"/>
                    <attribute name="audioCodec" type="lib:audioCodecType"
                     use="required"/>
                    <attribute name="trackDst" type="lib:trackType"
                     use="required"/>
               </complexType>
          </element>
    </sequence>
    <a tribute name="numOfChannel" type="lib:numOfChannelType" use="required"/>
     use="required"/>
</complexType>
```

Fig. 11 D

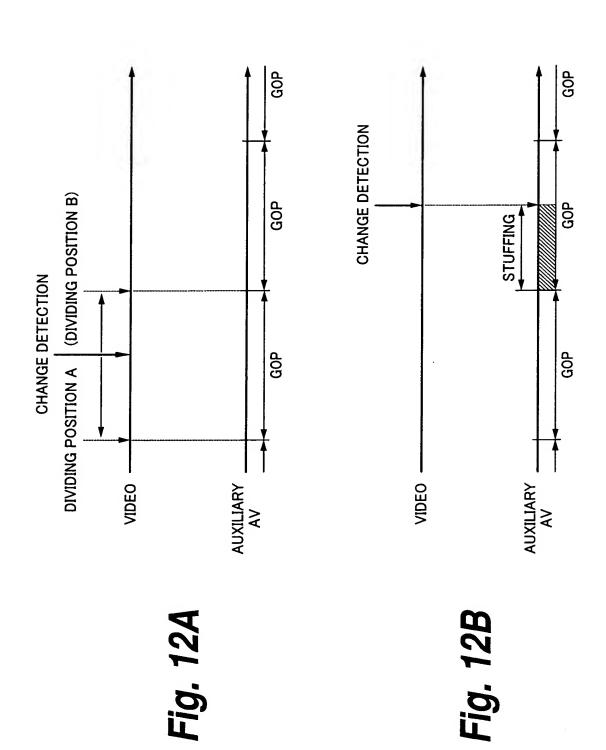
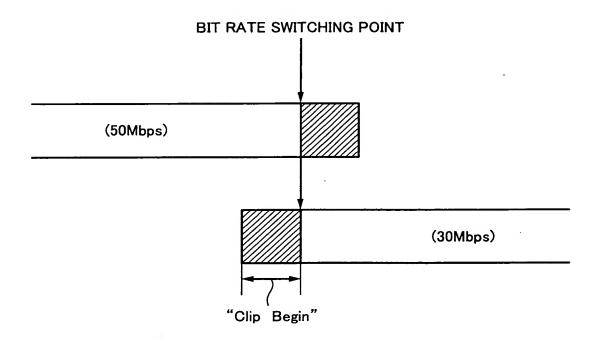
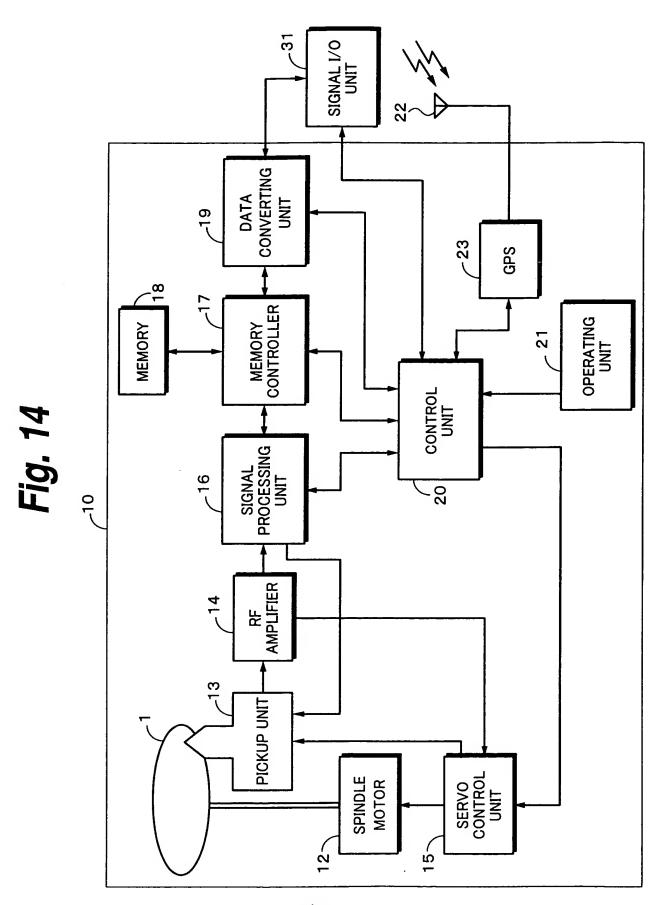
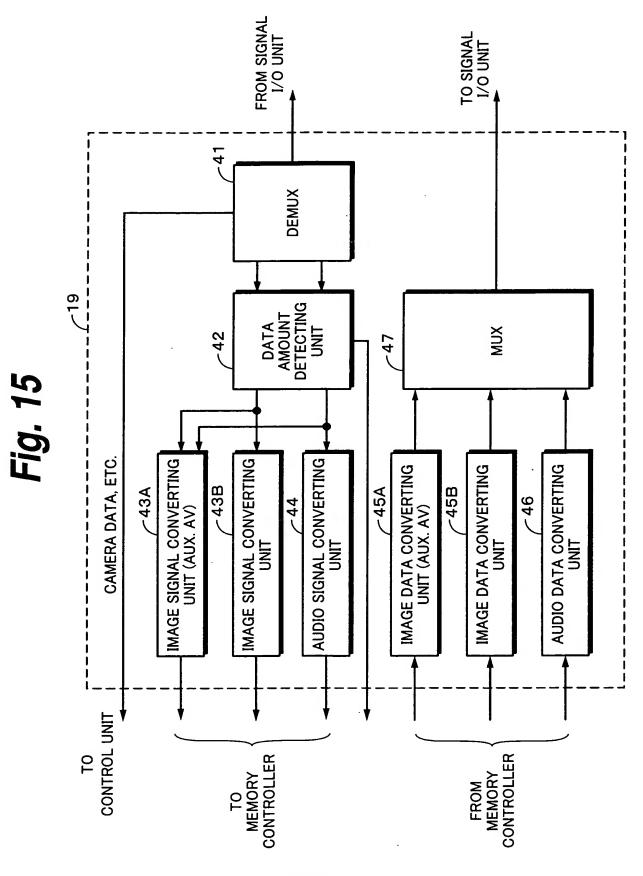
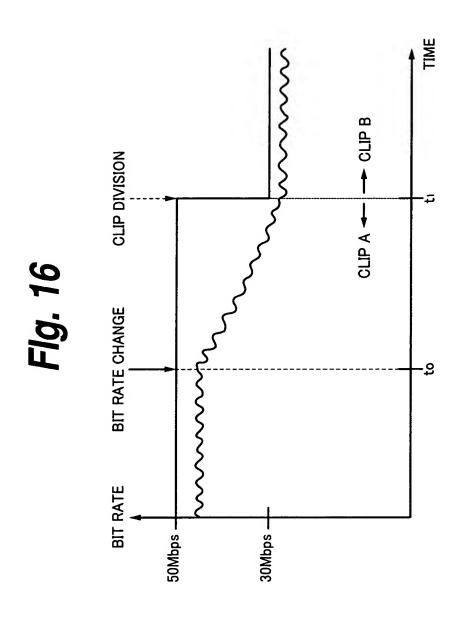


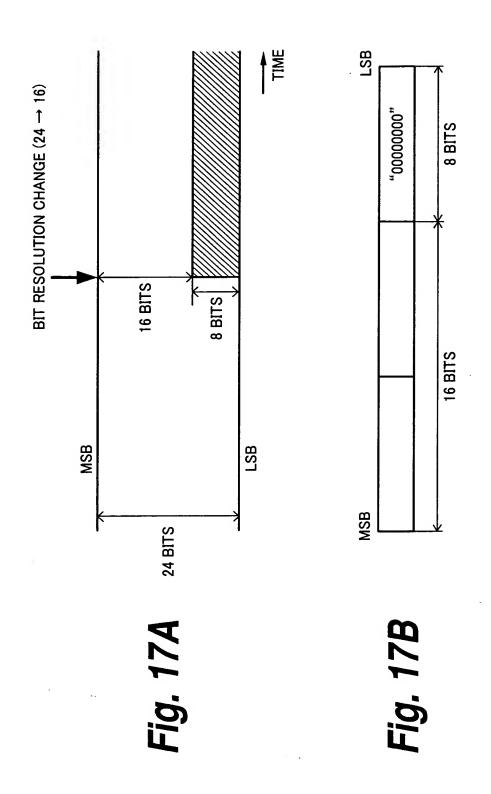
Fig. 13











16 BITS

LSB

BIT RESOLUTION CHANGE (16 → 24)

16 BITS

LSB

BITS

(LSB)

ABANDON

TIME

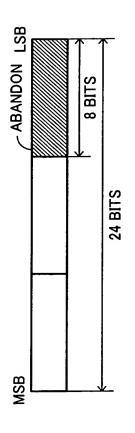


Fig. 18A

Fig. 18B

DESCRIPTION OF REFERENCE NUMERALS

1		OPTICAL DISC
10		DISC RECORDING/REPRODUCING APPARATUS
16		SIGNAL PROCESSING UNIT
17		MEMORY CONTROLLER
18		MEMORY
19		DATA CONVERTING UNIT
20		CONTROL UNIT
21		OPERATING UNIT
31		SIGNAL I/O UNIT
42		DATA AMOUNT DETECTING UNIT
43A, 4	13B	IMAGE SIGNAL CONVERTING UNIT
44		AUDIO SIGNAL CONVERTING UNIT
45A, 4	15B	IMAGE DATA CONVERTING UNIT
46		AUDIO DATA CONVERTING UNIT